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Sheet 1

of 4

**Complete if Known**

Application Number	10/807,936
Filing Date	March 24, 2004
First Named Inventor	Denison
Art Unit	2612
Examiner Name	Nam V. Nguyen
Attorney Docket Number	MET-041424CO04

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 4,031,434	06-21-1977	Perron, et al.	
		US- 4,167,104	09-11-1979	Bond	
		US- 4,205,325	05-27-1980	Haygood, et al.	
		US- 4,206,491	06-03-1980	Ligman, et al.	
		US- 4,268,076	05-19-1981	Itoi	
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		US- 4,594,637	06-10-1986	Falk	
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		US- 4,720,700	01-19-1988	Seibold, et al.	
		US- 4,727,369	02-23-1988	Rode, et al.	
		US- 4,746,919	05-24-1988	Reitmeier	
		US- 4,760,393	07-26-1988	Mauch	
		US- 4,779,090	10-18-1988	Micznik, et al.	
		US- 4,791,280	12-13-1988	O'Connell, et al.	
		US- 4,829,290	05-09-1989	Ford	
		US- 4,857,914	08-15-1989	Thrower	
		US- 4,926,996	05-22-1990	Eglise, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		JP4238979(A)	08-26-1992	Makoto		
		JP0689391(A)	03-29-1994	Hayashi		

Examiner  
Signature

/Nam Nguyen/

Date  
Considered

08/09/2009

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /N.N./